



Docket No. 1232-5090

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Nobuto KAWAHARA

Serial No.: 10/631,926

Filed: July 31, 2003

For: ILLUMINATION OPTICAL SYSTEM, EXPOSURE METHOD AND APPARATUS  
USING THE SAME

Group Art Unit: 2873

Confirmation No. 9677

Examiner: TBA

**CERTIFICATE OF MAILING (37 C.F.R. §1.8(a))**

Mail Stop  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I hereby certify that the attached:

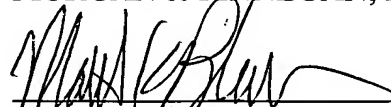
1. Information Disclosure Statement w/ 10 documents
2. Certificate of Mailing
3. Return postcard receipt

along with any paper(s) referred to as being attached or enclosed and this Certificate of Mailing are being deposited with the United States Postal Service on date shown below with sufficient postage as first-class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,  
MORGAN & FINNEGAN, L.L.P.

Dated: December 16, 2003

By:

  
Matthew K. Blackburn  
Reg. No. 47,428

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**INFORMATION DISCLOSURE STATEMENT**

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 2231-1540

Sir:

This Information Disclosure Statement is filed in accordance with 37 C.F.R. §§1.56, 1.97 and 1.98. The items listed on Form PTO-1449, a copy of which is enclosed, are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

1. ☒ For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, an English language translation of that item or a portion thereof or a concise explanation of the relevance of that item is enclosed:  
English Abstracts are provided for JP 1-92727, JP5-47628, JP5-251308, 2000-164498 and JP2002-243639.
2. ☐ For each of the following items listed on the enclosed copy of Form PTO-1449 that is not in the English language, a concise explanation of the relevance of that item is incorporated in the specification of the above-identified application.
3. ☐ Any copy of the items listed on the enclosed copy of Form PTO-1449 that is not enclosed with this Information Disclosure Statement was previously cited by or

submitted to the Patent and Trademark Office in application Serial No. \_\_\_\_\_,  
filed \_\_\_\_\_.

4. ☒ No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:
- ☐ 37 C.F.R. §1.97(b)(1), within three months of the filing date of a national application other than a CPA; or
  - ☐ 37 C.F.R. §1.97(b)(2), within three months of the date of entry into the national stage as set forth in §1.491 in an international application; or
  - ☒ 37 C.F.R. §1.97(b)(3), before the mailing date of a first Office action on the merits; or
  - ☐ 37 C.F.R. §1.97(b)(4) before the mailing date of a first office action after the filing of an RCE under §1.114.
5. ☐ No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a Notice of Allowance (where there has been no prior final action), and is accompanied by one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below.
6. ☐ A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the period specified in paragraph 4 above but before the mailing date of a final action or a notice of allowance (where there has been no prior final action):
- ☐ A check in the amount of \$180.00 is enclosed in payment of the fee.
  - ☐ Charge the fee to Deposit Account No. 13-4500, Order No. \_\_\_\_\_. A  
DUPLICATE COPY OF THIS SHEET IS ATTACHED.
7. ☐ A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(d), after the mailing date of a final action or a notice of allowance, whichever comes first, but before payment of the issue fee, and is accompanied by:
- a. one of the certifications pursuant to 37 C.F.R. §1.97(e) set forth in paragraph 9 below; and
  - b. the fee due under 37 C.F.R. §1.17(p) which is paid as set forth in paragraph 11 below.
8. ☐ A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with:
- a. ☐ 37 C.F.R. §1.313(b)(3) or §1.313(c)(1), after the issue fee has been paid and information cited in this Information Disclosure Statement may render

at least one claim unpatentable and is accompanied by the attached Petition To Withdraw Application From Issue and fee pursuant to 37 C.F.R. §1.17(h);


- b. ☐ 37 C.F.R. §1.313(c)(2) or §1.313(c)(3), after the issue fee has been paid and information cited in this Information Disclosure Statement is to be considered in a Request for Continued Examination (RCE) or a Continuation application upon abandonment of the instant application and is accompanied by the attached Petition To Withdraw Application From Issue and fee pursuant to 37 C.F.R. §1.17(h).
- c. ☐ The fees due under 37 C.F.R. §§1.17(h) and 1.17(p) are paid as set forth in paragraph 11 below.
9. ☐ I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- ☐ I hereby certify that no item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
10. ☐ This document is accompanied by ☐ a Search Report ☐ Communication which was cited in a corresponding ☐ PCT or ☐ Foreign counterpart application
11. ☐ A check in the amount of \$ \_\_\_\_\_ is enclosed in payment of the fees due under 37 C.F.R. §§1.17(h) and 1.17(p).
- ☐ Charge the fees due under 37 C.F.R. §§1.17(h) and 1.17(p) to Deposit Account No. 13-4500, Order No. \_\_\_\_\_. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

☒ The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4500, Order No. 1232-5090. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,  
MORGAN & FINNEGAN, L.L.P.

Dated: December 16, 2003

By:

  
Matthew K. Blackburn  
Registration No. 47,428

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## FORM PTO-1449

## INFORMATION DISCLOSURE CITATION

Attorney Docket:  
1232-5090Serial No.:  
10/631,926Applicant:  
Nobuto KAWAHARAFiling Date:  
July 31, 2003Group Art Unit:  
9677

## U.S. PATENT DOCUMENTS

Examiner Initial		Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
	1	6,452,662 B2	09/17/2002	MULKENS, et al.	355		
	2	2002/0177048 A1	11/28/2002	SAITOH, et al.	430		

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Patent Number	Publication Date	Country	Class	Sub-Class	Translation
	1	1-92727	04/12/1989	Japan (w/ abstract)			<input type="checkbox"/> Yes <input type="checkbox"/> No
	2	0 589103 A1	09/22/1992	Europe			<input type="checkbox"/> Yes <input type="checkbox"/> No
	3	5-47628	02/26/1993	Japan (w/ abstract)			<input type="checkbox"/> Yes <input type="checkbox"/> No
	4	5-251308	09/28/1993	Japan (w/ abstract)			<input type="checkbox"/> Yes <input type="checkbox"/> No
	5	0 949 541 A2	10/13/1999	Europe			<input type="checkbox"/> Yes <input type="checkbox"/> No
	6	2000-164498	06/16/2000	Japan (w/ abstract)			<input type="checkbox"/> Yes <input type="checkbox"/> No
	7	2 347 517 A	06/09/2000	United Kingdom			<input type="checkbox"/> Yes <input type="checkbox"/> No
	8	2002-243639	08/28/2002	Japan (w/ abstract)			<input type="checkbox"/> Yes <input type="checkbox"/> No

## OTHER DOCUMENTS (Including Author, Title, Date, etc.)


Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609.  
Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to Applicant.